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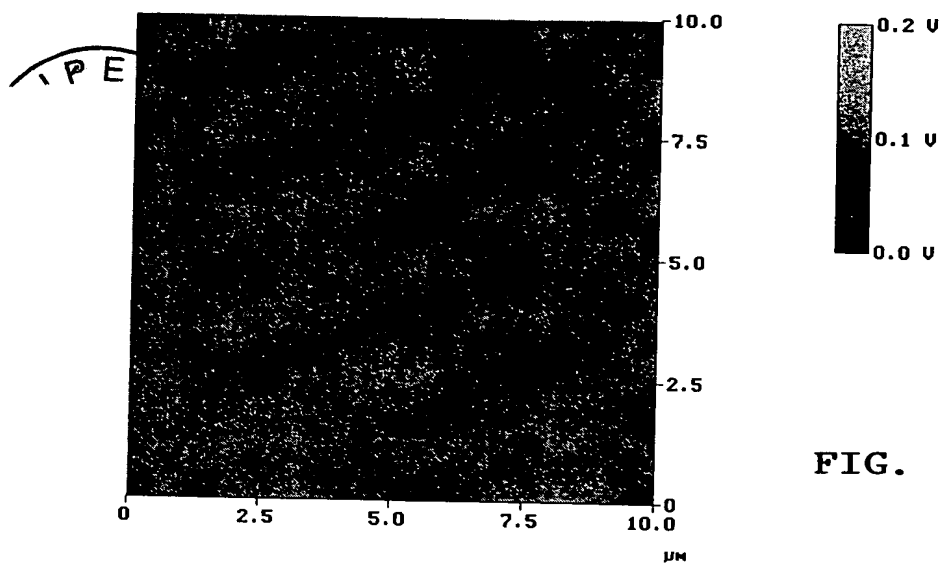


FIG. 1A

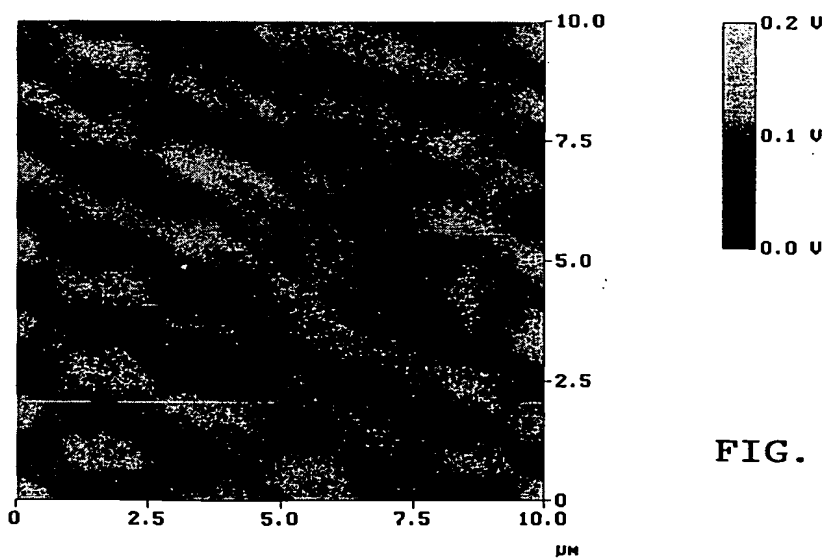


FIG. 1B

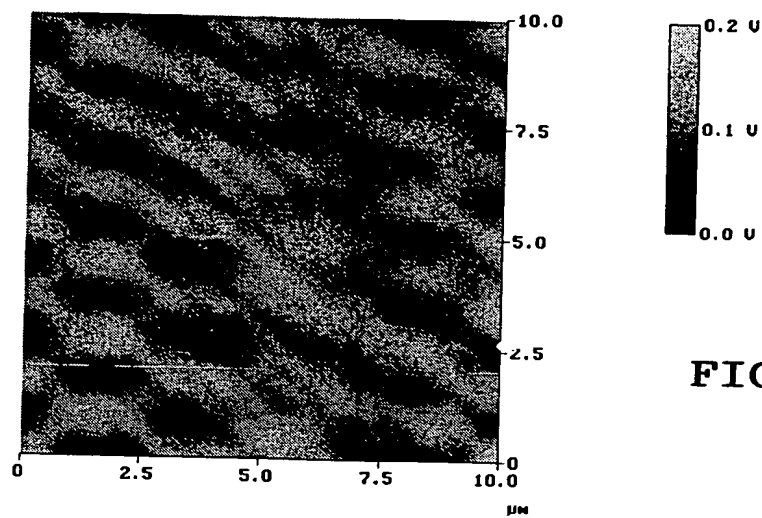


FIG. 2A

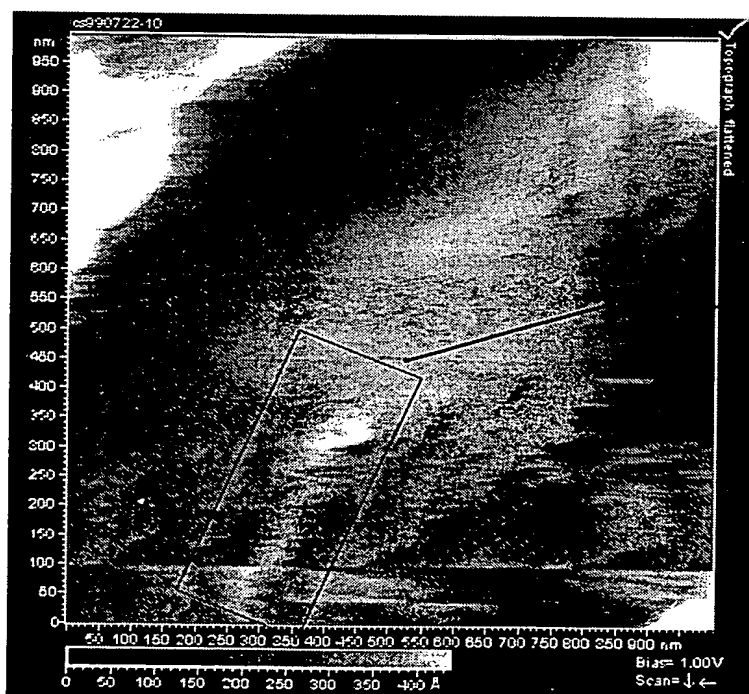
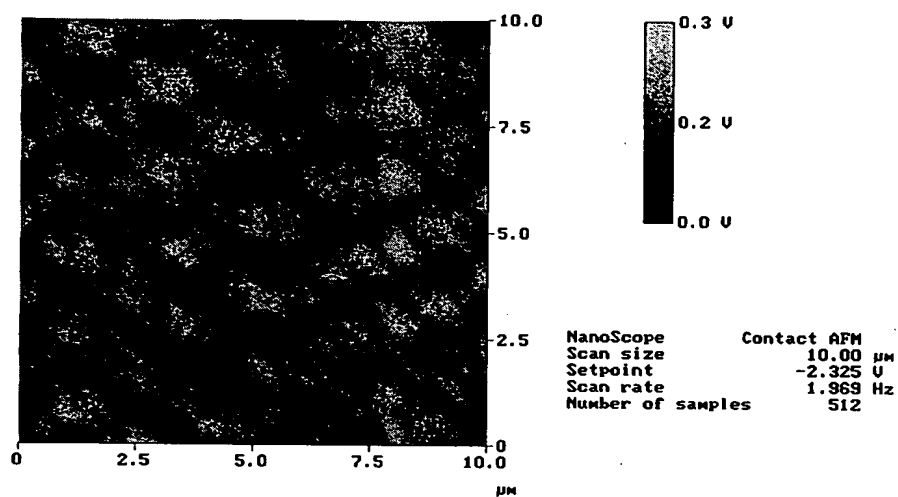


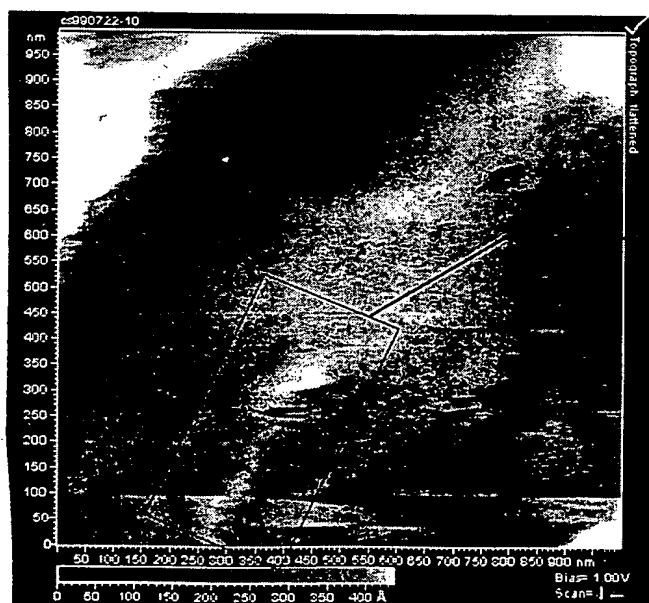
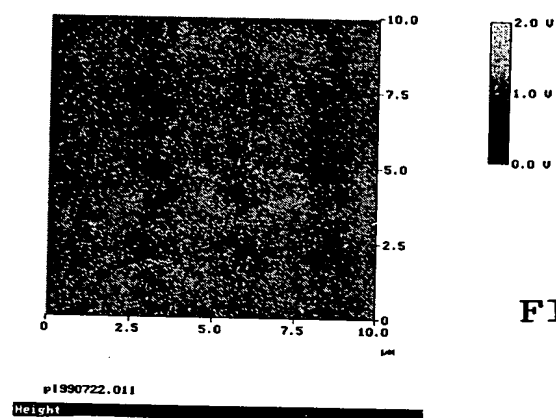
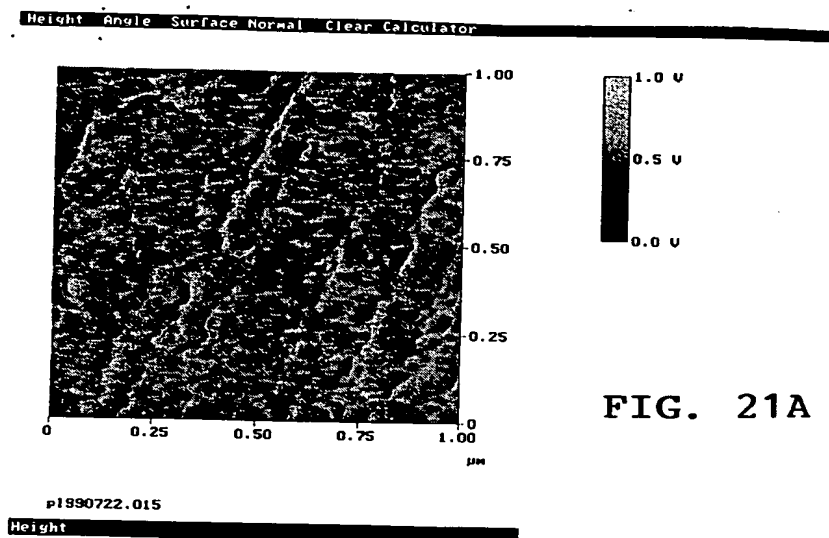
FIG. 2B



p1990722.037

MFM: Sample 231 Void Scan

FIG. 5A



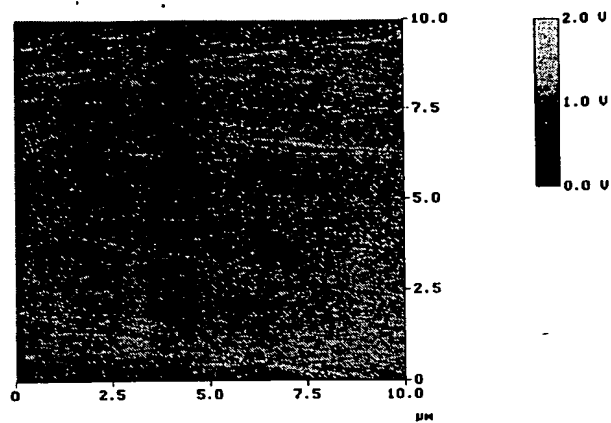


FIG. 22A

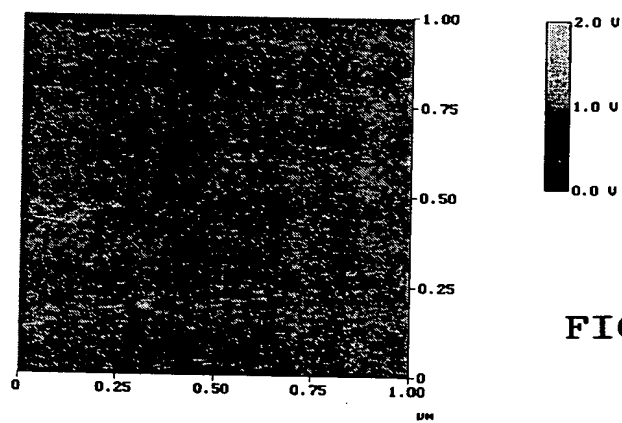


FIG. 22B

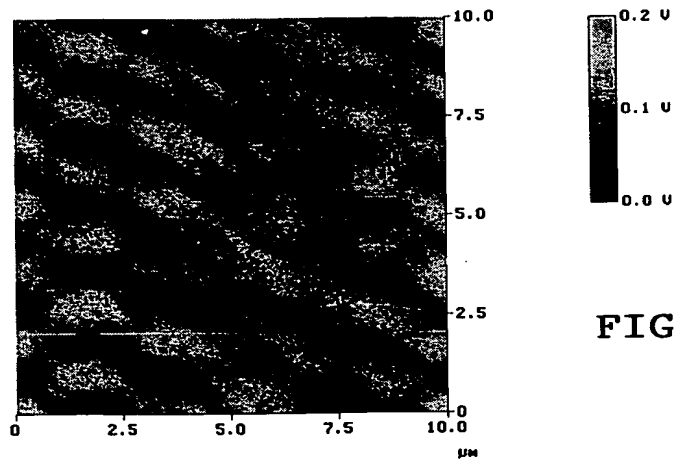
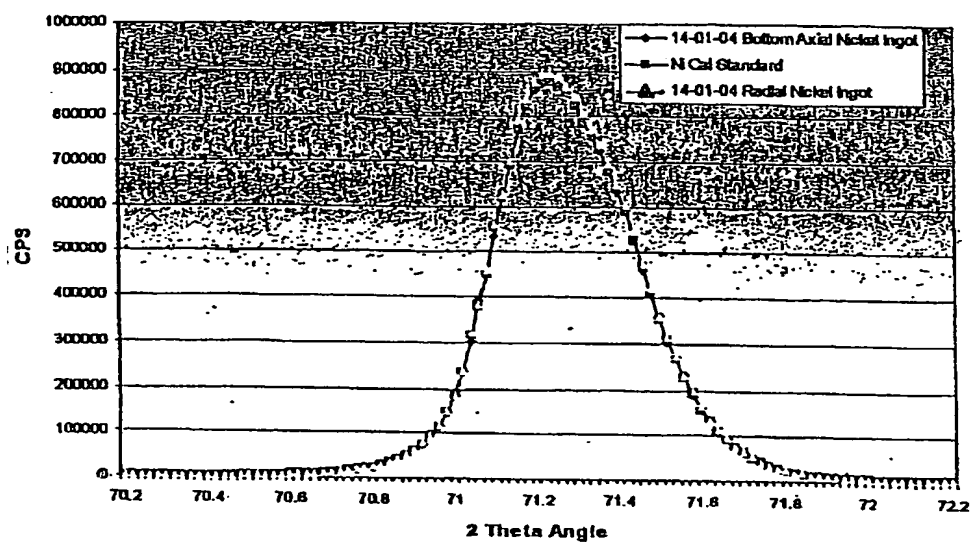


FIG. 22C

# Nickel Scans: Nickel Analysis



**K<sub>α</sub> Nickel Scans**  
**Run 14-01-04**

FIG. 27A

**L<sub>α</sub> Nickel Scans**  
**Run 14-01-04**

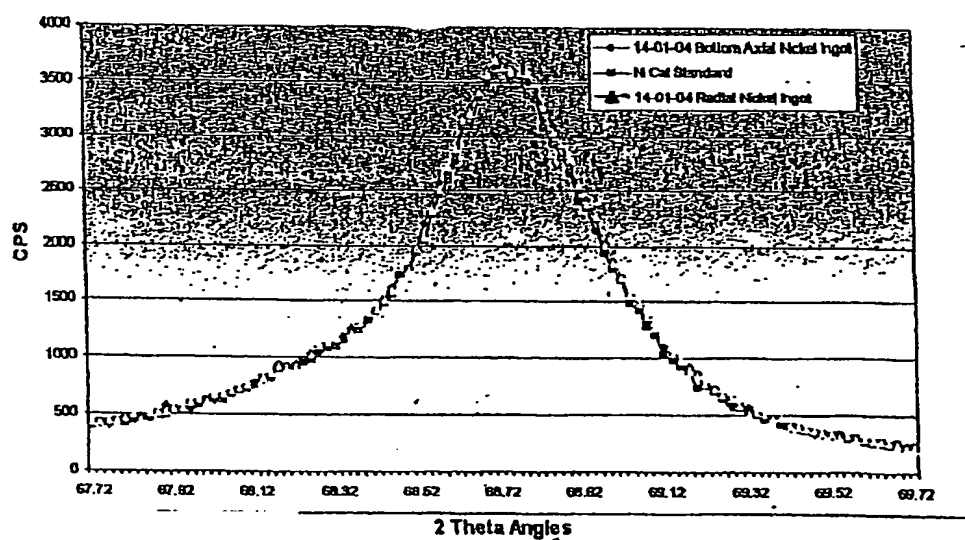
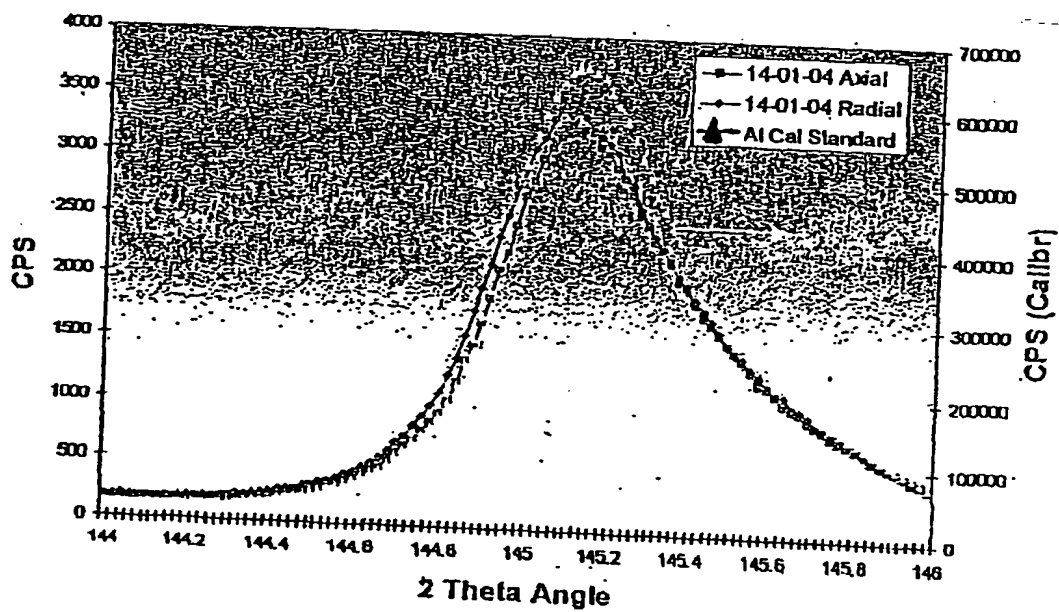


FIG. 27B

# Nickel Scans: Al and Zr



$K_{\alpha}$  Aluminum Scans of Nickel  
Run 14-01-04

FIG. 28A

# Nickel Scans: Cl

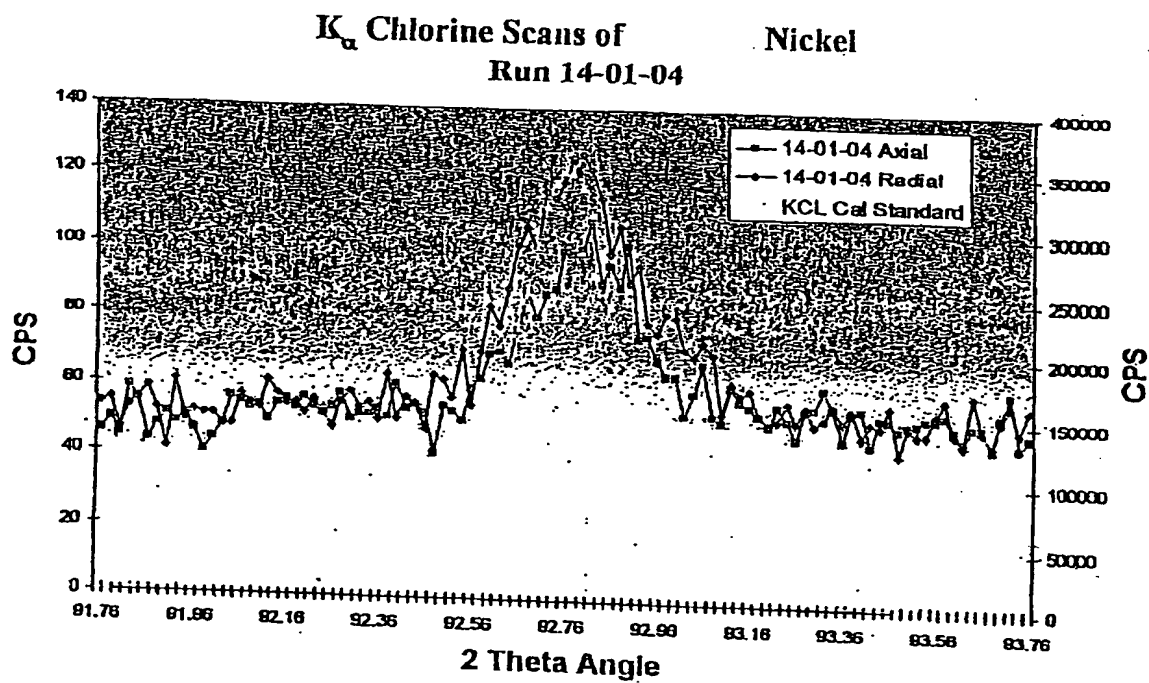
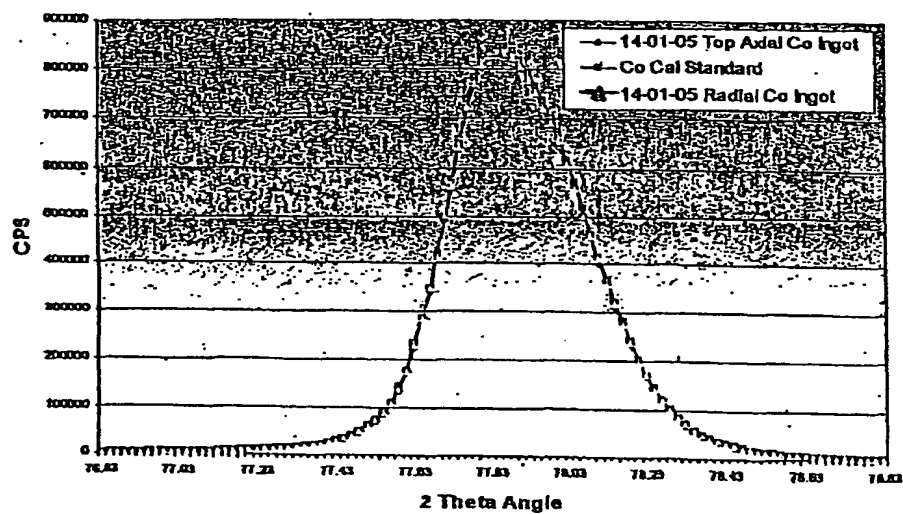


FIG. 30

# Cobalt Scans: Cobalt Analysis



$K_{\alpha}$  Cobalt Scans  
Run 14-01-05

FIG. 31A

$L_{\alpha}$  Cobalt Scans  
Run 14-01-05

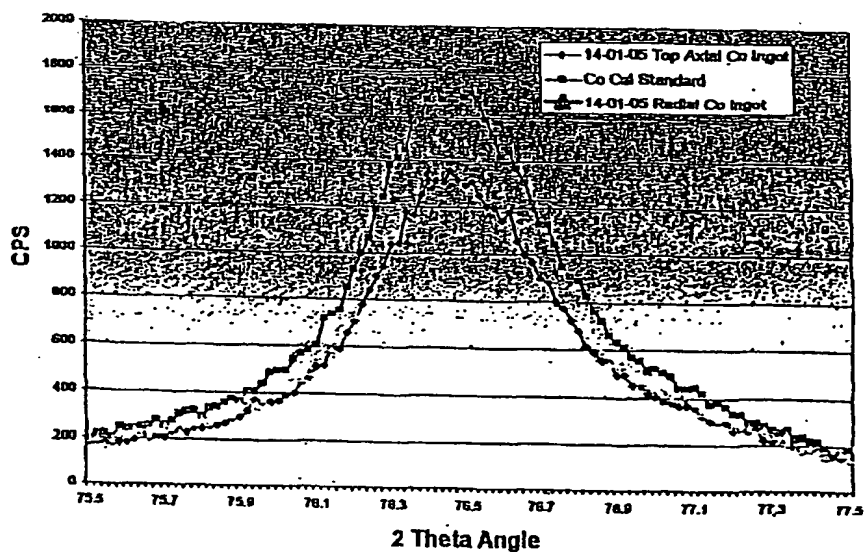
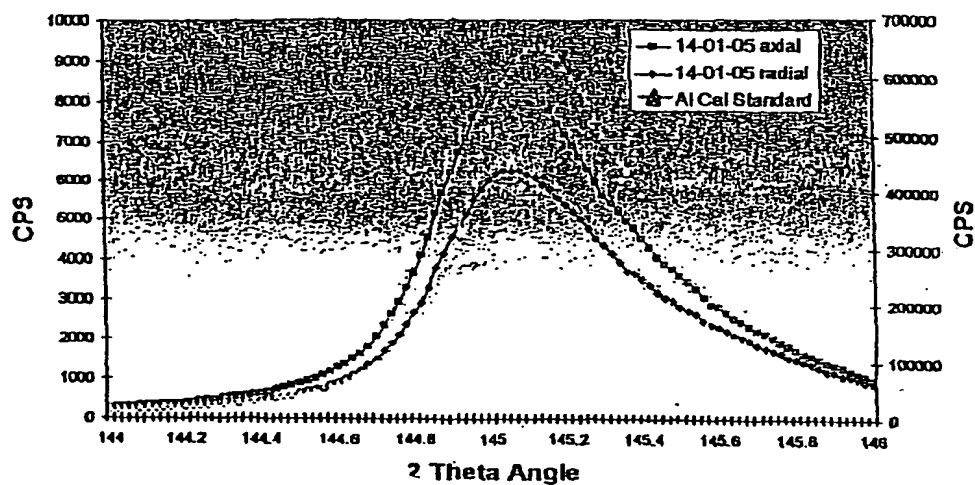


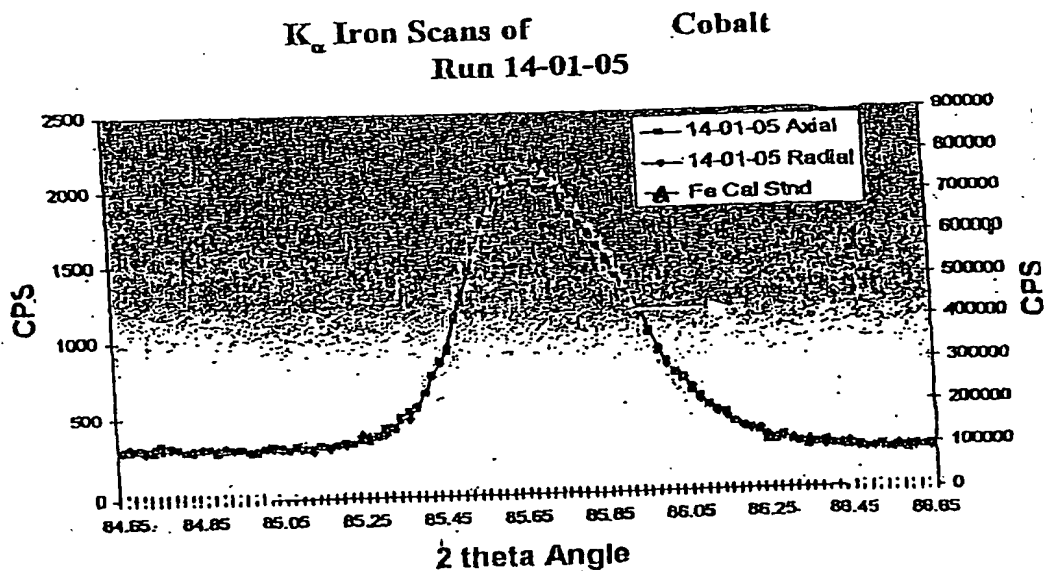
FIG. 31B

# Cobalt Scans: Al and Fe



K $\alpha$  Aluminum Scans of Cobalt  
Run 14-01-05

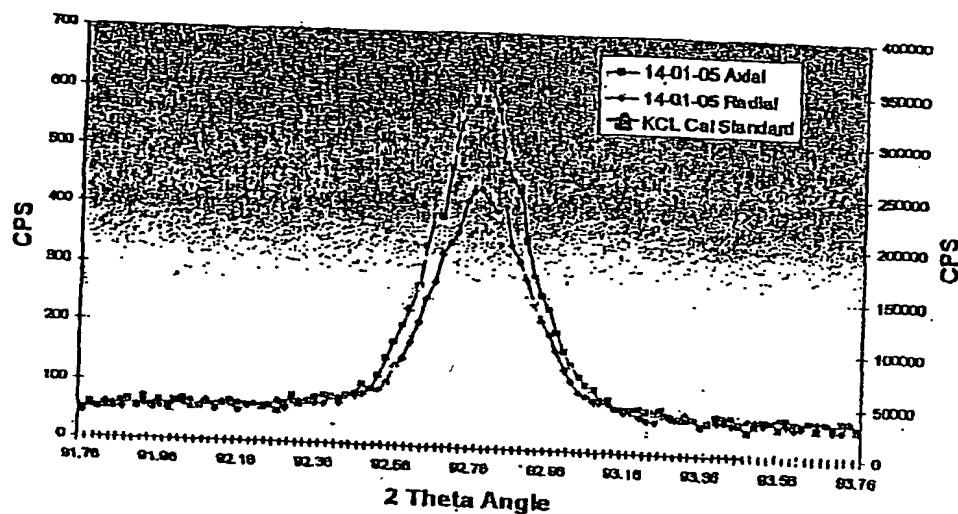
FIG. 32A



K $\alpha$  Iron Scans of Cobalt  
Run 14-01-05

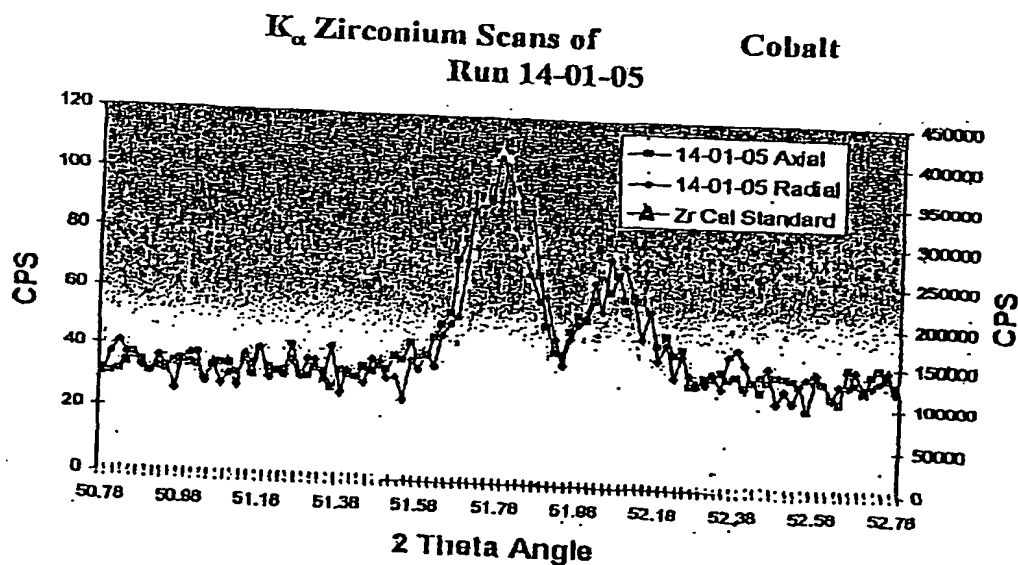
FIG. 32B

# Cobalt Scans: Cl and Zr



$K_{\alpha}$  Chlorine Scans of Cobalt  
Run 14-01-05.

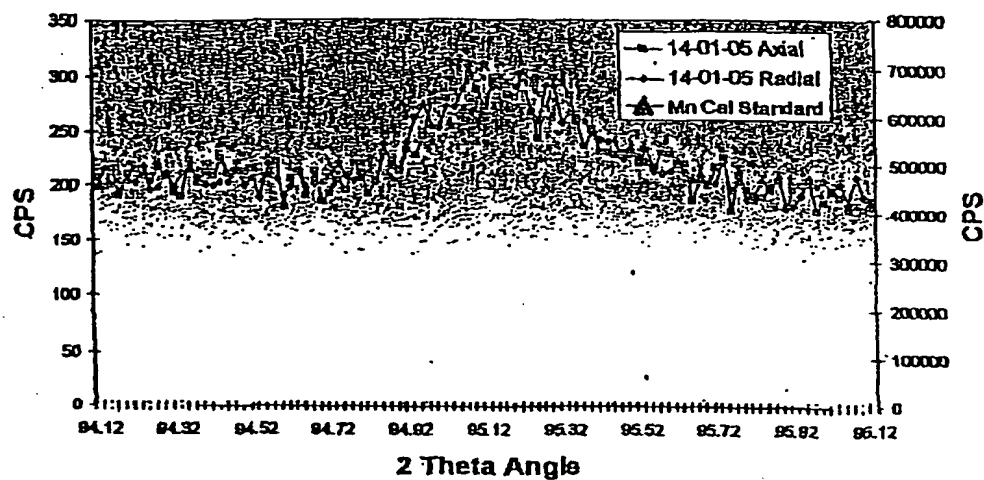
FIG. 33A



$K_{\alpha}$  Zirconium Scans of Cobalt  
Run 14-01-05

FIG. 33B

# Cobalt Scans: Mn

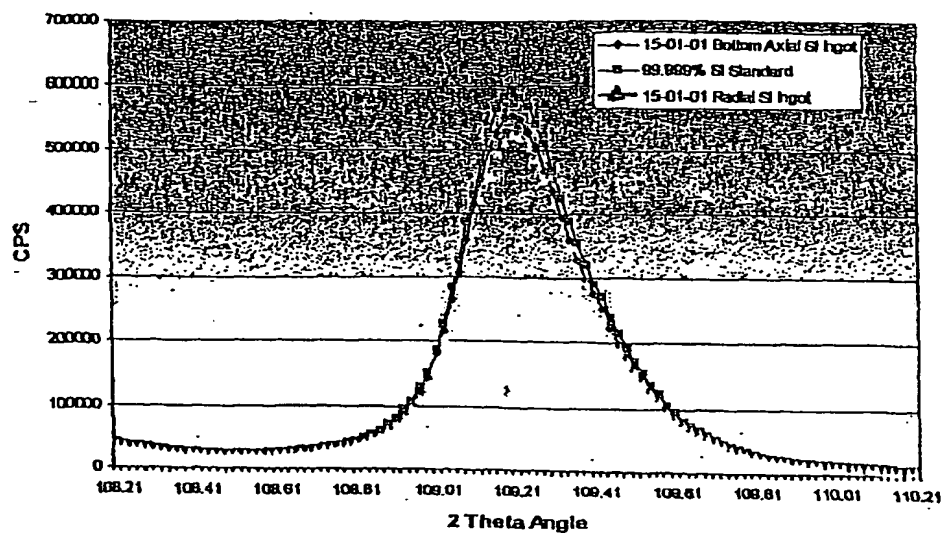


K<sub>α</sub> Manganese Scans of  
Run 14-01-05

Cobalt

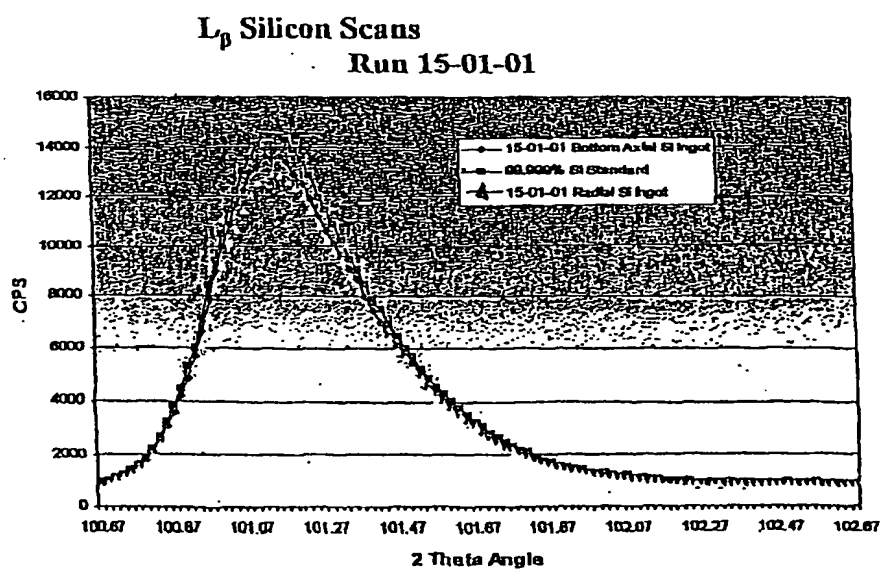
FIG. 34

# Silicon Scans: Silicon Analysis



**K<sub>α</sub> Silicon Scans**  
Run 15-01-01

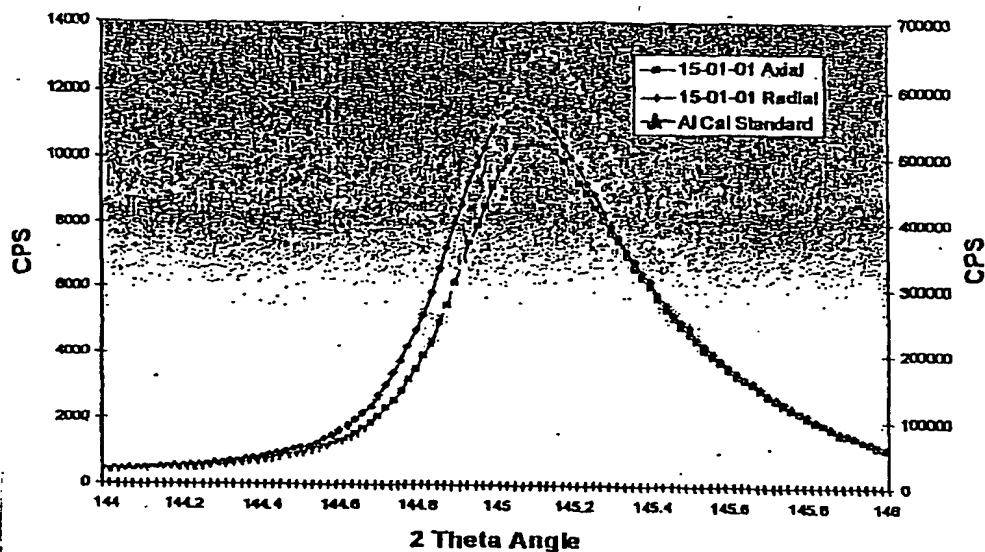
FIG. 45A



**L<sub>β</sub> Silicon Scans**  
Run 15-01-01

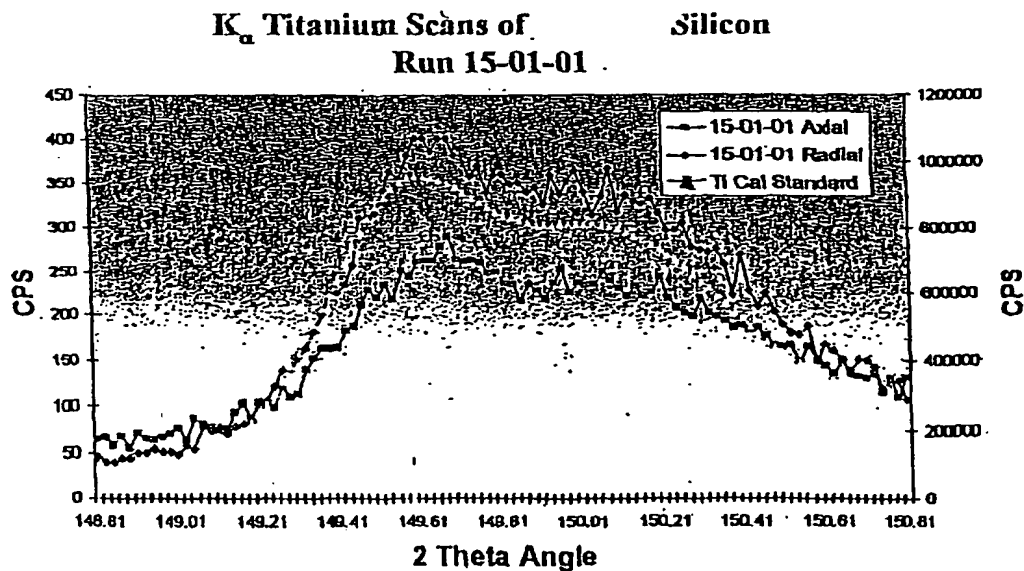
FIG. 45B

# Silicon Scans: Al and Ti



$K_{\alpha}$  Aluminum Scans of Silicon  
Run 15-01-01

FIG. 46A



$K_{\alpha}$  Titanium Scans of Silicon  
Run 15-01-01

FIG. 46B

# Silicon Scans: S and Cl

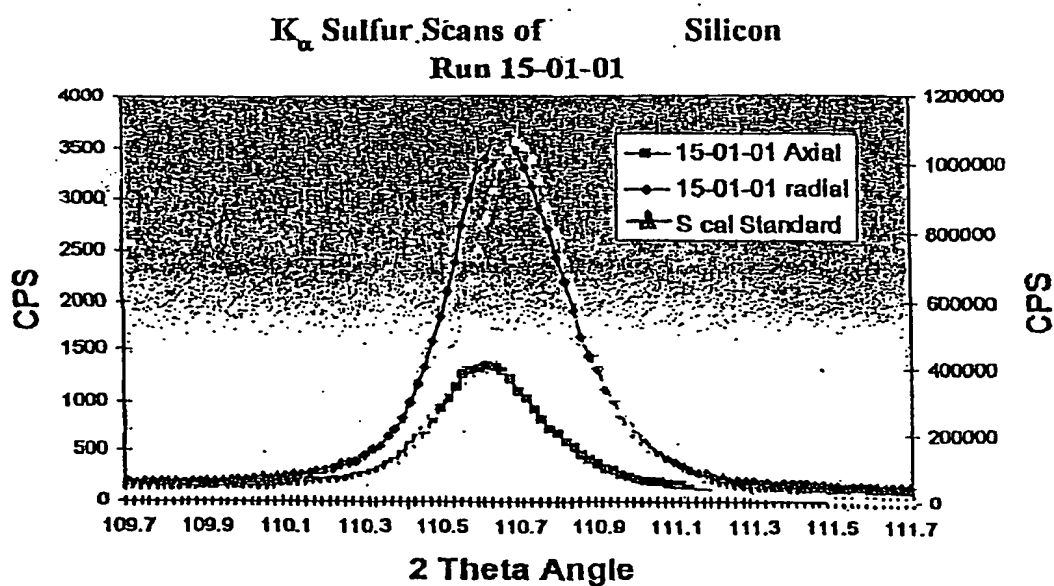


FIG. 47A

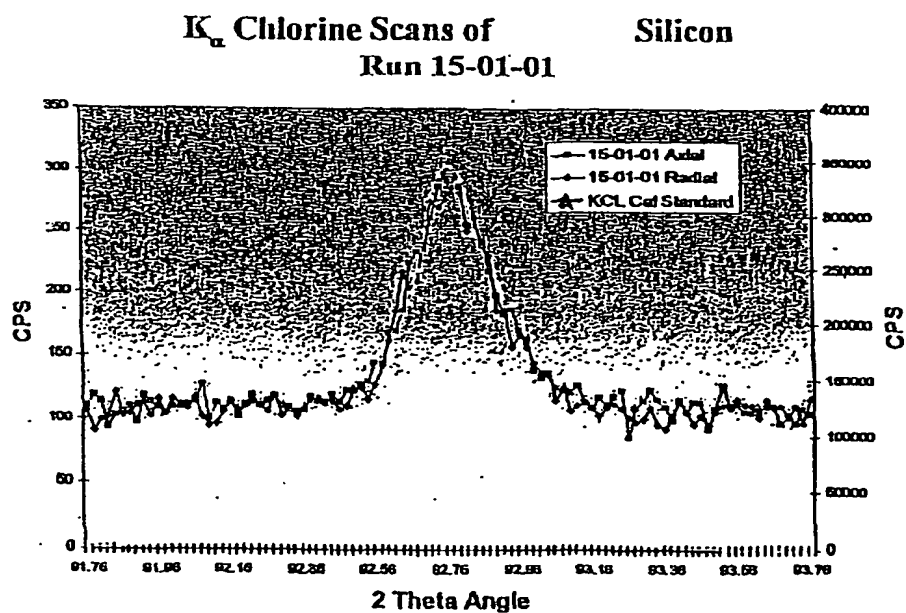


FIG. 47B



# Silicon Scans: Ga and K

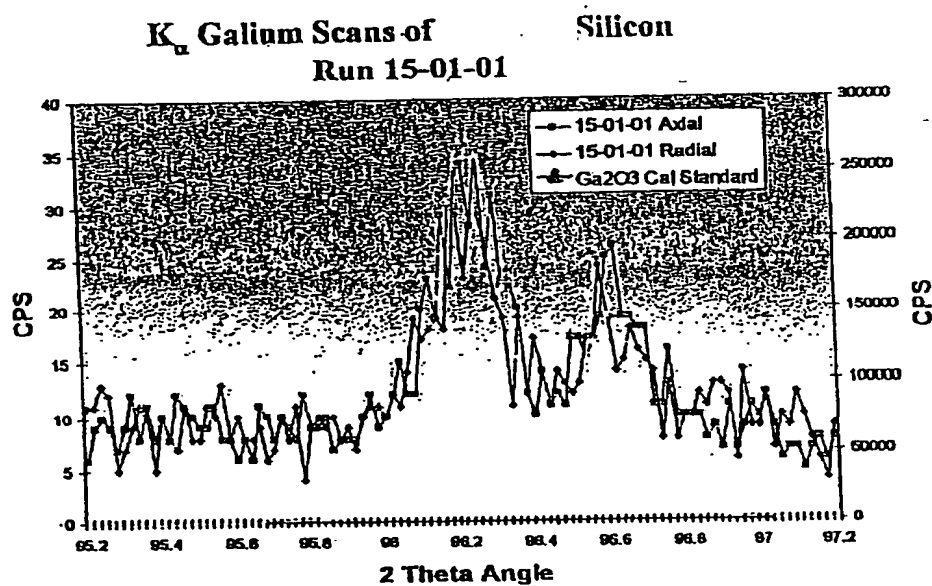


FIG. 48A

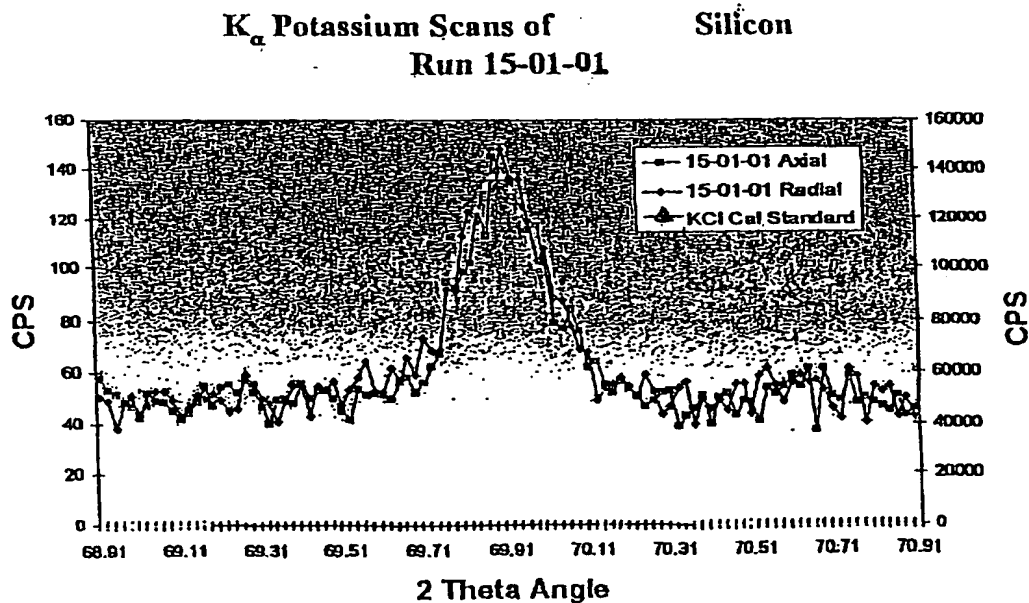
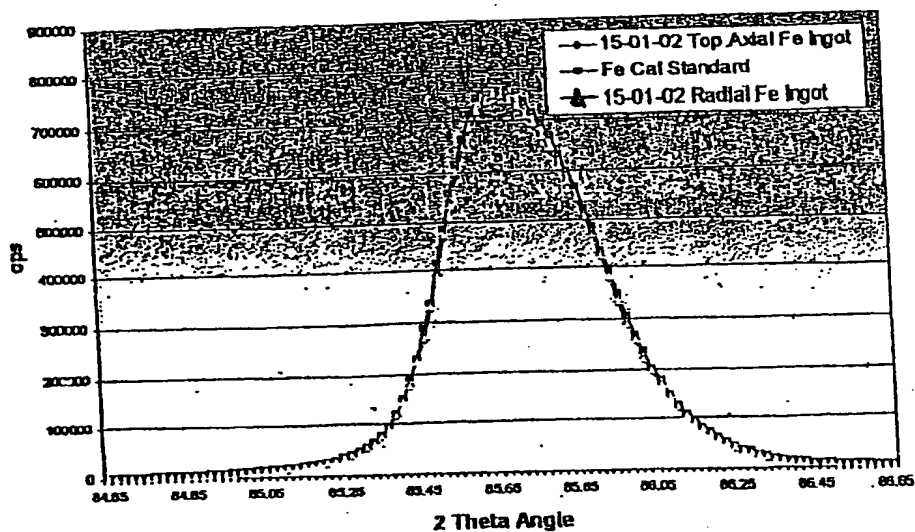


FIG. 48B

# Iron Scans: Iron Analysis



K $\alpha$  Iron Scans of Iron  
Run 15-01-02

FIG. 49A

L $\alpha$  Iron Scans of Iron  
Run 15-01-02

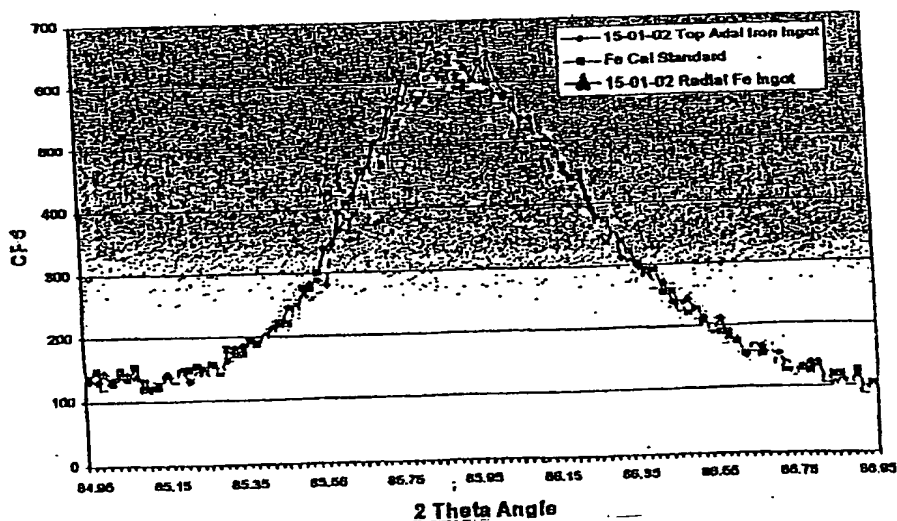
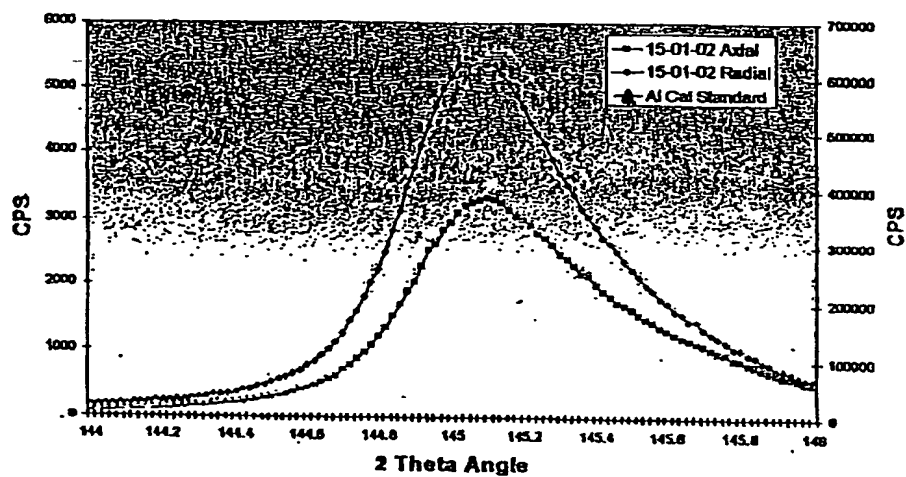


FIG. 49B

# Iron Scans: Al and Zr



K $\alpha$  Aluminum Scans of  
Run 15-01-02

Iron

FIG. 50A

K $\alpha$  Zr Scans of  
Run 15-01-02

Iron

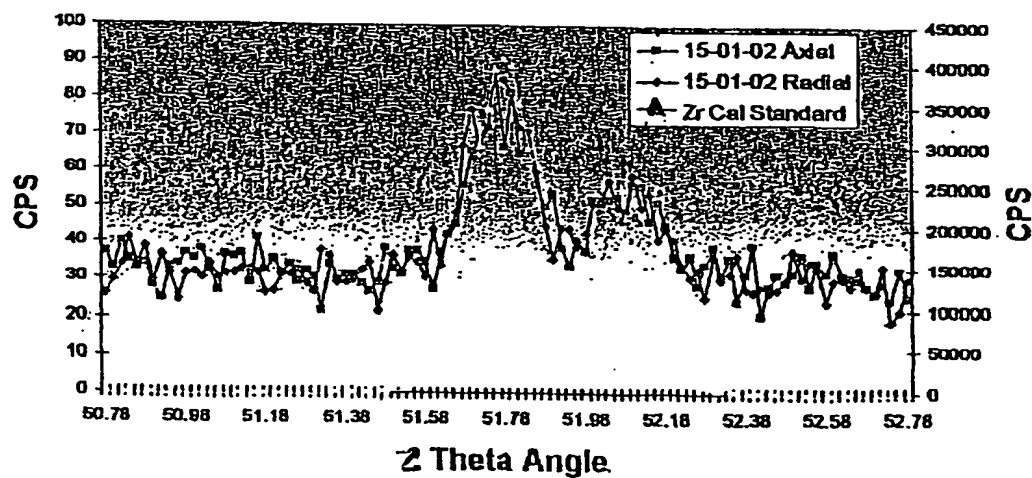


FIG. 50B

# Iron Scans: S and Cl

$K_{\alpha}$  Sulfur Scans of Iron  
Run 15-01-02

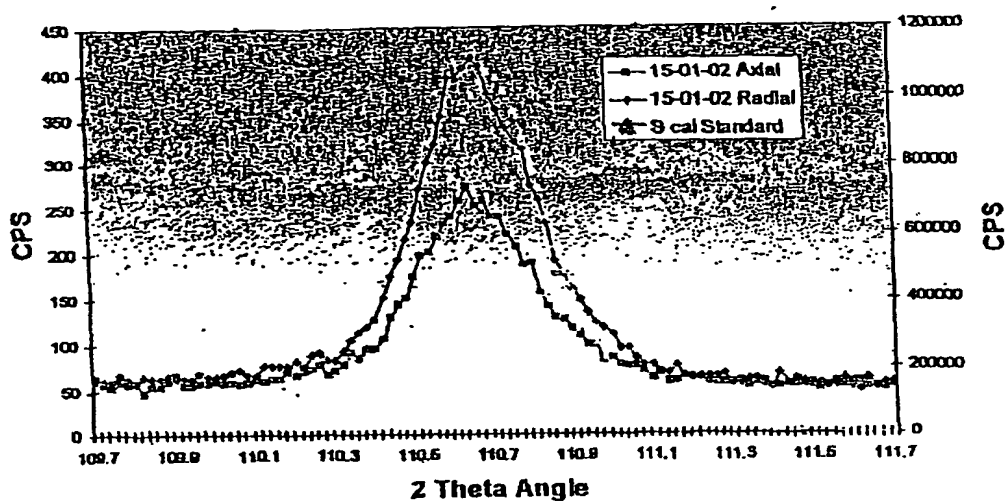


FIG. 51A

$K_{\alpha}$  Chlorine Scans of Iron  
Run 15-01-02

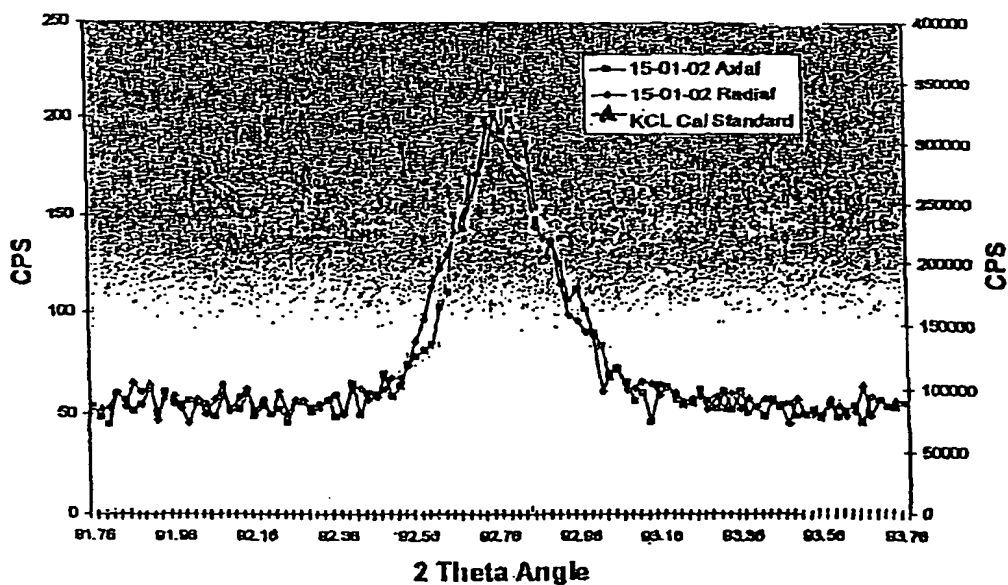


FIG. 51B